IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Sonya S. Johnson et al.

 Appln. No.:
 10/590,608
 Examiner: Unknown

 Filed:
 August 24, 2006
 Art Unit: 1761

For: CONFECTIONS CONTAINING A Confirmation No.: 8969

BLEND OF PHYSIOLOGICAL

COOLING AGENTS

Attorney Docket No: 1391/1622

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), Applicants hereby cite the following references:

US PATENT DOCUMENTS

DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME
2,101,790	12/07/1937	Cole et al.
2,433,165	12/23/1947	Simpson
2,525,072	10/10/1950	Kearby et al.
2,608,226	08/26/1952	Fraser
2,922,747	01/26/1960	Scamlan
3,419,543	12/31/1968	Mold
3,639,569	02/01/1972	Medcalf, Jr.
3,644,613	02/22/1972	Moeller et al.
3,720,762	03/13/1973	Hatasa et al.
3,793,446	02/19/1974	Moeller et al.
4,020,153	04/26/1977	Rowsell et al.
4,029,759	06/14/1977	Humbert et al.
4,032,661	06/28/1977	Rowsell et al.
4,033,994	07/05/1977	Watson et al.
4,034,109	07/05/1977	Rowsell et al.
4,044,120	08/23/1977	Rowsell et al.
4,059,118	11/22/1977	Watson et al.
4,060,091	11/29/1977	Watson et al.
4,069,345	01/17/1978	Gascoyne et al.
4,070,449	01/24/1978	Rowsell et al.
4,070,496	01/24/1978	Rowsell et al.
4,081,480	03/28/1978	Evers et al.
4,083,955	04/11/1978	Grabenstetter et al.

DOCUMENT	I	
NUMBER	DATE	NAME
Number-Kind Code (if known)		
4,105,801	08/08/1978	Dogliotti
4,112,066	09/05/1978	Hussein
4,127,677	11/08/1978	Fronczkowski et al.
4,136,163	01/23/1979	Watson et al.
4,136,164	01/23/1979	Rowsell et al.
4,137,304	01/30/1979	Rowsell et al.
4,137,305	01/30/1979	Rowsell et al.
4,139,639	02/13/1979	Bahoshy et al.
4,146,653	03/27/1979	Mader et al.
4,150,052	04/17/1979	Watson et al.
4,153,679	05/08/1979	Rowsell et al.
4,157,384	06/05/1979	Watson et al.
4,178,459	12/11/1979	Watson et al.
4,190,643	02/26/1980	Watson et al.
4,193,936	03/18/1980	Watson et al.
4,226,988	10/07/1980	Watson et al.
4,230,687	10/28/1980	Sair et al.
4,230,688	10/28/1980	Rowsell et al.
4,248,859	02/03/1981	Rowsell et al.
4,296,093	10/20/1981	Rowsell et al.
4,296,255	10/20/1981	Roswell et al.
4,317,838	03/02/1982	Cherukuri et al.
4,318,900	03/09/1982	Rowsell et al.
4,384,004	05/17/1983	Cea et al.
4,386,106	05/31/1983	Merrit et al.
4,423,086	12/27/1983	Devos et al.
4,459,425	07/10/1984	Amano et al.
4,476,142	10/09/1984	Netherwood et al.
4,479,003	10/23/1984	Houminer et al.
4,515,769	05/07/1985	Merritt et al.
4,597,970	07/01/1986	Sharma et al.
4,607,118	08/19/1986	Grubbs et al.
4,634,593	01/06/1987	Stroz et al.
4,671,967	06/09/1987	Patel et al.
4,681,766	07/21/1987	Huzinec et al.
4,724,151	02/09/1988	Mansukhani et al.
4,753,790	06/28/1988	Silva et al.
4,786,511	11/22/1988	Huzinec. et al.
4,792,453	12/20/1988	Reed et al.
4,828,845	05/09/1989	Zamudio-Tena et al.
4,840,797	06/20/1989	Boursier
4,929,446	05/29/1990	Bartolucci
4,961,935	10/09/1990	Cherukuri et al.
4,978,537	12/18/1990	Song
5,009,893	04/23/1991	Cherukuri et al.
5,128,155	07/07/1992	Song et al
5,165,943	11/24/1992	Patel et al.
5,169,658	12/08/1992	Yatka et al.
5,192,563	03/09/1993	Patel et al.

DOCUMENT		4.00
NUMBER	DATE	NAME
Number-Kind Code (if known)		
5.236,719	08/17/1993	Meyers et al.
5,244,670	09/14/1993	Upson et al.
5.248,508	09/28/1993	Reed et al.
5,266,592	11/30/1993	Grub et al.
5,270,061	12/14/1993	Reed et al.
5,286,501	02/15/1994	Song et al.
5,326,574	07/05/1994	Chapdelaine et al.
5,342,631	08/30/1994	Yatka et al.
5,348,750	09/20/1994	Greenberg
5,372,824	12/13/1994	Record et al.
5,376,389	12/27/1994	Reed et al.
5,409,715	04/25/1995	Meyers
5,451,404	09/19/1995	Furman
5,458,892	10/17/1995	Yatka et al.
5,478,593	12/26/1995	Serpellioni et al.
5,527,542	06/18/1996	Serpellioni et al.
5,536,511	07/16/1996	Yatka
5,543,160	08/06/1996	Song et al.
5,545,416	08/13/1996	Song et al.
5,571,547	11/05/1996	Serpellioni et al.
5,578,339	11/26/1996	Kunz et al.
5,603,970	02/18/1997	Tyrpin et al.
5,612,071	03/18/1997	Song et al.
5,614,234	03/25/1997	Song et al.
5,665,406	09/09/1997	Reed et al.
5,688,491	11/18/1997	Shahidi
5,698,181	12/16/1997	Luo
5,716,652	02/10/1998	Barkalow et al.
5,725,865	03/10/1998	Mane et al.
5,766,622	06/16/1998	Nelson
5,800,847	09/01/1998	Song et al.
5,827,852	10/27/1998	Russell et al.
5,843,466	12/01/1998	Mane et al.
5,976,581	11/02/1999	Song et al.
5,977,166	11/02/1999	Greenberg
6,030,647	02/29/2000	Song et al.
6,080,432	06/27/2000	Tyrpin et al.
6,231,900 B1	05/15/2001	Hanke
6,440,472 B1	08/27/2002	Song et al.
2002/0119231 A1	08/29/2002	Kumamoto et al.
6,455,080 B1	09/24/2002	Wolf et al.
6,472,000 B1	10/29/2002	Gudas et al.
2003/0082271 A1	05/01/2003	Wolf et al.
6,586,023 B1	07/01/2003	Song et al.
6,602,518 B2	08/05/2003	Seielstad et al.
2003/0161802 A1	08/28/2003	Flammer et al.
6,613,346 B2	09/02/2003	Seielstad et al.
6,627,233 B1	09/30/2003	Wolf et al.
2003/0191154 A1	10/09/2003	Kalafsky et al.

DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME
2003/0215532	11/20/2003	Nakatsu et al.
2004/0175489 A1	09/09/2004	Clark et al.
6,267,974	07/31/2001	Suares et al.
6,328,982	12/11/2001	Shiroyama et al.
6,660,304 B2	12/09/2003	Nitikhunkasem et al.

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY
PI 95009884-4	06/13/1996	Brazil
CA 989738	05/25/1976	Canada
CA 2.101.790	02/07/1994	Canada
EP 0 485 170 A1	05/13/1992	Europe
EP 0 793 420 B1	03/15/2000	Europe
EP 0 998 852 A2	03/29/2000	Europe
EP 1 332 772	08/06/2003	Europe
FR 72.01413	01/17/1972	France
FR 2 577 922 A1	02/11/1986	France
DE 24 33 165	01/30/1975	Germany
DE 26 08 226 A1	09/08/1977	Germany
GB 1,311,060	03/21/1973	Great Britain
GB 1,315,625	05/02/1973	Great Britain
GB 1,404,596	09/03/1975	Great Britain
GB 1,411,785	10/29/1975	Great Britain
GB 1,411,786	10/29/1975	Great Britain
GB 1,421,743	01/21/1976	Great Britain
GB 1,421,744	01/21/1976	Great Britain
GB 1,442,998	01/28/1976	Great Britain
GB 1,476,351	06/10/1977	Great Britain
GB 1,502,680	03/01/1978	Great Britain
GB 2,115,672 A	09/14/1983	Great Britain
GB 2,233,873 A	01/23/1991	Great Britain
JP 40538/1997	02/10/1997	Japan
JP 94-065023	03/08/1984	Japan
WO 84/03201 A1	08/30/1984	WIPO
WO 89/05590 A1	06/29/1989	WIPO
WO 90/11020 A1	10/04/1990	WIPO
WO 90/14015 A1	11/29/1990	WIPO
WO 91/03147 A2	03/21/1991	WIPO
WO 92/17164 A1	10/15/1992	WIPO
WO 93/23005 A1	11/25/1993	WIPO
WO 93/25177 A1	12/23/1993	WIPO
WO 94/06308 A1	03/31/1994	WIPO
WO 94/08550 A1	04/28/1994	WIPO
WO 94/08551 A2	04/28/1994	WIPO
WO 94/10117 A1	05/11/1994	WIPO
WO 94/21135 A1	09/29/1994	WIPO
WO 94/25003 A1	11/10/1994	WIPO

DOCUMENT		
NUMBER	DATE	COUNTRY
WO 94/25009 A1	11/10/1994	WIPO
WO 95/07622 A1	03/23/1995	WIPO
WO 95/07625 A1	03/23/1995	WIPO
WO 95/08925 A1	04/06/1995	WIPO
WO 95/34277 A1	12/21/1995	WIPO
WO 96/15768 A1	05/30/1996	WIPO
WO 96/17524 A1	06/13/1996	WIPO
WO 96/19191 A1	06/27/1996	WIPO
WO 96/28133 A1	09/19/1996	WIPO
WO 97/04666 A1	02/13/1997	WIPO
WO 97/06695 A1	02/27/1997	WIPO
WO 97/07771 A1	03/06/1997	WIPO
WO 97/24036 A1	07/10/1997	WIPO
WO 99/13734 A1	03/25/1999	WIPO
WO 99/13870 A1	03/25/1999	WIPO
WO 00/06093 A1	02/10/2000	WIPO
WO 00/62737	10/26/2000	WIPO
WO 02/83192 A1	10/24/2002	WIPO
WO 02/91849 A1	11/21/2002	WIPO
WO 03/43431 A1	05/30/2003	WIPO
WO 04/00234 A2	12/31/2003	WIPO
WO 04/00235 A2	12/31/2003	WIPO
WO 04/19922 A1	03/11/2004	WIPO
WO 04/45590 A1	06/03/2004	WIPO

OTHER ART REFERENCES

de Roos. Kris B. et al., "Non-equilibrium partition model for predicting flavour release in mouth". Trends in Flavour Research, Elsevier Science, 1994,18 pages.

Eccles, R., "Menthol and Related Cooling Compounds", J. Pharm, Pharmacol, Vol. 46, 1994. pp. 618-630.

Hopp, Rudolph, Menthol: Its Origins, Chemistry, Physiology, and Toxicological Properties, 47th Tobacco Chemists' Research Conference, Vol. 19, pp. 3-46 (1993).

Ingham. Kate E. et al., "The Effect of Eating on the Rate of Aroma Release from Mint-Flavoured Sweets", Dept. of Applied Biochemistry and Food Science, University of Nottingham, England, Copyright by Academic Press, Vol. 28, No. 1, 1995, pp 105-110.

Olser, Bernard L., et al., "Recent Progress in the Consideration of Flavoring Ingredients under the Food Additives Amendment", Food Technology, 1975, pp 19-20.

Ottinger, H., et al., "Systematic Studies on Structure and Physiological Activity of Cyclic α-Keto Enamines, a Novel Class of 'Cooling' Compounds," 49 J. Agric. Food Chem. 5383-5390 (2001). Questice, "A Multi-Functional Cooling Agent," Quest International, Willesborough Road, Ashford,

Kent, pages 1-16 (August 2000).

Parrish, M. A., "STAY COOL!", Food Manufacture, 1987, Vol. 62, No. 4, page 56. Parrish, M. A., "MARKET WARMS TO PHYSIOLOGICAL COOLANTS", Feb. 1987, pp. 31-32.

Pelzer, Ralf, article on: "OPTACOOL", date unknown but presumed to be prior to Sept. 18, 1997. 4 pages.

"Peppermint Oils," RÖMPP Online, Version 2:11 (translated from German), retrieved from http://www.roempp.com/prod/roempp.php, cover page and pp. 1-3 (2006). Smith, R.L. et al., "GRAS Flavoring Substances 17", Food Technology, 1996, pp. 72-82.

Voirol, F. "Chewing Gum History: Xylitol Sweetened Chewing Gum" subtitle "The Evolution of Chewing Gum; Xylitoy and the Prevention of Dental Caries", published March, 1985, pp 1-76. Watson, Hugh R., "Flavor Characteristics of Synthetic Cooling Compounds", Flavor, Its Chemical, Behavioral, and Commercial Aspects Proceedings of the Arthur D. little, Inc. Flavor Symposium, 1997, Published by Westview Press, Boulder CO, 1978, pp 31-50. Watson, H. R. et al., "New compounds with the menthol cooling effect", J. Soc. Cosmet. Chem., Vol. 29, 1978, pp. 185-200. WM, WRIGLEY, JR, COMPANY vs. CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346. Third Amended Answer and Counterclaim, pp. 1-12 (August 12, 2004). WM, WRIGLEY, JR, COMPANY vs. CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346. Defendant Cadbury Adams' Responses To Plaintiff Wm. Wrigley Jr., Company's First Set Of Interrogatories , pp. 1-11 (July 19, 2004). WM, WRIGLEY, JR, COMPANY vs. CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346. Case Docket, pp. 1-13 (Jan. 6, 2005). WM. WRIGLEY, JR. COMPANY vs. CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346, Memorandum in Support of Defendant Cadbury Adams' Motion for Leave to File Defendant's Fourth Amended Answer and Counterclaims, 8 pages (Feb. 18, 2004). WM, WRIGLEY, JR, COMPANY vs, CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346. Cadbury Adam's Fourth Amended Answer and Counterclaim, pp. 1-14 (March 2, 2005). WM, WRIGLEY, JR, COMPANY vs, CADBURY ADAMS USA, Civil Docket Case No. 04-CV-346. Cadbury Adams' Response to Plaintiff Wm. Wrigley Jr., Company's Fifth Set Of Interrogatories (No. 14-18), pp. 1-8 (undated).

In accordance with 37 C.F.R. § 1.98(d), only copies of non U.S. patent documents are submitted herewith. For the Examiner's convenience, Applicants are enclosing Form PTO-1449 (six pages) which lists all of the forgoing references. Since all of the listed references are in English, or an English translation is provided, no further commentary is believed to be necessary for those references, 37 C.F.R §1.98(a)(3).

Applicants hereby notify the Patent and Trademark Office of pending litigation involving the grandparent patent for the present case, U.S. Patent No. 6,627,233, brought by the Assignee of the grandparent patent and the present patent application, Wm. Wrigley Jr. Company, in the U.S. District Court for the Northern District of Illinois, Civil Docket Case No. 04-CV-346 titled WM. WRIGLEY, JR. COMPANY vs CADBURY ADAMS USA, and submit herewith a copy of the following documents: 1) Third Amended Answer and Counterclaim, 2) Defendant Cadbury Adams' Responses To Plaintiff Wm. Wrigley Jr., Company's First Set Of Interrogatories, 3) case docket dated January 6, 2005, 4) Memorandum in Support of Defendant Cadbury Adams' Motion for Leave to File Defendant's Fourth Amended Answer and Counterclaims, 5) Cadbury Adam's Fourth Amended Answer and Counterclaims, 75 Cadbury Adam's Fourth Amended Answer and Counterclaims, 80 Cadbury Adam's Response to Plaintiff Wm. Wrigley Jr., Company's Fifth Set Of Interrogatories (No. 14-18). These

Application No. 10/590.608

documents are provided for consideration by the Examiner in view of the relationship of the issued patent claims and the pending claims, and the allegation of the invalidity of the '233 patent by the defendant.

Many of the forgoing documents were produced by the defendant in the above litigation, presumably as prior art to the '233 patent. Applicants respectfully request the Examiner's consideration of the above references and entry thereof into the record of this application. Applicants are providing the above six noted court documents so that the Examiner is apprised of the allegations of invalidity. If the Examiner believes that any of the documents listed in the docket report would be of interest to the Examiner, Applicants will provide copies. Further, if the Examiner wishes to be advised of subsequent papers filed in the litigation, he should so indicate.

This Information Disclosure Statement is being filed prior to the issuance of a first Office Action on the merits and therefore it is believed that no fees are required. However, if any filing fees are required relating to this submission, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Respectfully submitted,

 November 30, 2007
 /Steven P. Shurtz/

 Date
 Steven P. Shurtz /Reg

Steven P. Shurtz (Reg. No.31,424)

BRINKS HOFER GILSON & LIONE 405 South Main Street, Suite 800 Salt Lake City, UT 84111-3400 (801) 355-7900